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DIALOG(R)File 351:Derwent WPI

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WPI Acc No: 1983-773195/198339

Olefin polymerisation in presence of catalyst - prepd. from magnesium
cpds., titanium cpd., electron donor, organo-aluminium cpd. and
organo-silicon cpd.

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 58138708	A	19830817				198339 B
JP 91046481	B	19910716	JP 8219683	A	19820212	199132

Priority Applications (No Type Date): JP 8219683 A 19820212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
<u>JP 58138708</u>	A		11		

Abstract (Basic): JP 58138708 A

Polymerisation is effected using catalyst consisting (a) a Ti component which is composed of reaction product of Mg cpd., Ti cpd. and electron donor; (b) an organo-Al cpd.; (c) an organic silicon cpd. contg. Si-O-C bonding or Si-N-C bonding, wherein the electron donor is ester selected from (i) ester prepd. from unsatd. carboxylic acid, e.g. opt. substd. maleic acid or opt. substd. fumaric acid, and linear fatty alcohol, (ii) ester of satd. linear dicarboxylic acid.

Stereospecific polymer can be produced in good yield. Pref. cpd. of (c) is e.g. trimethylmethoxy silane, dimethyldimethoxy silane or phenyltrimethoxy silane.

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Derwent Class: A17; A60

International Patent Class (Additional): C08F-004/02; C08F-010/00

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